

Today's Topics:

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CRRL BULLETIN NR 29
Earthquake in SF!!!
Magnetic Storms
MINIPROP reviews
PL259 connector assembly
Radar

Date: 25 Oct 89 03:05:37 GMT

From: n8emr!gws@tut.cis.ohio-state.edu (Gary Sanders)

Subject: ARRL 79 CLARIFICATION

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| Relayed from packet radio via |
| N8EMR's Ham BBS, 614-457-4227 (1200/2400/19.2 telebit,8N1) |
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In case you received a recent ARRL Bulletin Number 79, Titled: S.F. Quake Update, from this station, you may have noticed that the actual bulletin text itself identified it as "ARRL Bulletin Number 78". The "78" was , in fact, a typographical error; I noticed the error after the bulletin entered the system., too late to correct the error.

The bulletin on the quake update is, in fact ARRL 79; ARRL 78 announces the change in the W1AW operating schedule as a result of changeback to Standard Time.

I am very sorry for the confusion, and I hope this note clears it up.
Thanks and 73,

Bob Rosell, WB8KWC, Official Bulletin Station, Dayton, Ohio.

--

Gary W. Sanders (gws@n8emr or ...!osu-cis!n8emr!gws), 72277,1325
N8EMR @ W8CQK (ip addr) 44.70.0.1 [Ohio AMPR address coordinator]
HAM/SWL/SCANNER BBS (1200/2400/PEP) 614-457-4227

Date: 25 Oct 89 03:06:55 GMT

From: n8emr!gws@tut.cis.ohio-state.edu (Gary Sanders)

Subject: ARRL 80: PART 97 & STATION I.D.

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| Relayed from packet radio via |
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ARRL BULLETIN 80 ARLB080
OCTOBER 24, 1989

ATTENTION CONTESTERS. MANY AMATEURS HAVE BEEN CONFUSED BY PART 97.119, PARAGRAPH A, OF THE NEW PART 97 RULES CONCERNING STATION IDENTIFICATION. THE QUESTION ARISES WHEN OPERATING AT THE LOCATION OF ANOTHER STATION. THE FCC HAS INDICATED TWO ACCEPTABLE PROCEDURES.

FIRST, ANOTHER AMATEUR MAY BE DESIGNATED CONTROL OPERATOR OF YOUR STATION. THAT AMATEUR WOULD IDENTIFY WITH YOUR STATION CALL SIGN AND OPERATE WITHIN THE PRIVILEGES OF YOUR LICENSE.

SECOND, YOU MAY LOAN YOUR STATION TO ANOTHER AMATEUR. THE EQUIPMENT BECOMES THAT AMATEUR'S TEMPORARY STATION. THE AMATEUR IS THEN THE LICENSEE, SIGNS WITH HIS CALL AND OPERATES WITHIN THE PRIVILEGES OF HIS LICENSE CLASS. FOR EXAMPLE, IN A CONTEST AN AMATEUR OPERATING FROM SOMEONE ELSE'S STATION MAY SIGN HIS OWN CALL SIGN.

--

Gary W. Sanders (gws@n8emr or ...!osu-cis!n8emr!gws), 72277,1325
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Date: 24 Oct 89 22:00:33 GMT
From: cadnetix.COM!cadnetix!rusty@uunet.uu.net (Rusty Carruth)
Subject: callsign project

Just a REAL short note: I lost all the programs I wrote last year to make good tapes from the FCC data, so I've had to re-write them. Which has made me not get anything other than conversion to a useable format done until today.

So, sorry the tapes are not in the mail yet. I'm working on it, really!

And, to anyone expecting a reply from me for any reason - sorry I've taken so long to reply, I've been busy fiddling with the database... I'll try to get mail answered tomorrow, at least most of it.

---Join the usenet un-net, 28.410 and/or 28.390, 1600Z to 1700Z Saturdays!
Rusty Carruth. Radio: N7IKQ ^^ or later :-)

DOMAIN: rusty@cadnetix.com UUCP:{uunet,boulder}!cadnetix!rusty
home: POB. 461, Lafayette 80026

Date: 25 Oct 89 06:47:11 GMT
From: m2c!jjmhome!cpoint!die@husc6.harvard.edu (David I. Emery)
Subject: Craziest question yet asked ?

In the mid 1970's it was widely reported that the Soviets uplinked tapes of intercepted American telephone calls picked up from AT&T microwave by their embassies and consulates in Washington DC, NYC, and SF on frequencies in the 900 mhz range (which was(?) an uplink frequency for one of their then-in-use communication satellite families). I have heard stories that the NSA taped the Russian uplinks and played the tapes for selected high officials of some of the big companies the Russians were targeting in order to convince them to take telephone (un)security more seriously.

I beleive that it was reported that the Russian tapes of US calls were sent at 20-100 times normal speed multiplexed on some sort of very wideband signal. It appears that no very secure form of encryption or signal security was used, however, since NSA was willing to allow people outside of the COMINT intelligence world to listen to their intercepts (which they would have been very unlikely to do if they had any reason to beleive the Russians thought they were using a secure mode of transmission).

Out of idle (and poisonous) curiosity I am tempted to speculate as whether this practice continues to this very day, and if so what frequencies and technologies are currently being used ? With so many vital communications circuits carried by fiber, (especially those near foreign embassies) and with the much greater consciousness of signal security in the last few years it would seem that the fruits of such an effort might be much less useful than they once were, but perhaps once started such an effort acquires a certain momentum and cannot be so quickly stopped.

Has anybody living near the Soviet compounds seen these signals ?
Do they use their Moliyna birds which swing high up over our northern sky?
Or is this done by low orbit store-and-foreword ferrets ?

At the very least these uplinks ought to supply somewhat more tractable material for a certain lunatic fringe than KGB/CIA/etc one time pad encrypted "numbers stations". (Although the technical proficiency required to make anything of the signals (even if not encrypted) probably grossly exceeds that conceivably possessed by anyone who wastes time trying to break one time pad spy ciphers from numbers stations).

--

David I. Emery Clearpoint Research Corp.
35 Parkwood Dr, Hopkinton Ma. 01748 1-508-435-7462

{decvax, cybvax0, mirror}!frog!cpoint!die
{m2c}!jjmhome!cpoint!die

Date: 25 Oct 89 03:08:43 GMT
From: n8emr!gws@tut.cis.ohio-state.edu (Gary Sanders)
Subject: CRRL BULLETIN NR 29

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| Relayed from packet radio via |
| N8EMR's Ham BBS, 614-457-4227 (1200/2400/19.2 telebit,8N1) |
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CRRL BULLETIN 29 ARLC029
OCTOBER 23, 1989

ERNIE SAVAGE, VE7FB, HAS BEEN RE-ELECTED SM OF BRITISH COLUMBIA. HE
HELD THIS POST SHORTLY AFTER WW2 AND HAS BEEN ON THE JOB
CONTINUOUSLY SINCE 1960.

ANDY MCLELLAN, VE1ASJ, IS RETIRING AS ATLANTIC DIRECTOR AND CRRL
CENTRAL INCOMING QSL BUREAU MANAGER. MARITIMES-NEWFOUNDLAND SM CARL
ANDERSON, VE1UU, WILL FILL OUT THE REMAINDER OF ANDY'S TERM AS
DIRECTOR, WHILE DON WELLING, VE1WF, WILL BECOME MANAGER OF THE CRRL
CENTRAL INCOMING QSL BUREAU.

--
Gary W. Sanders (gws@n8emr or ...!osu-cis!n8emr!gws), 72277,1325
N8EMR @ W8CQK (ip addr) 44.70.0.1 [Ohio AMPR address coordinator]
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Date: 25 Oct 89 05:17:18 GMT
From: winter@apple.com (Patty Winter)
Subject: Earthquake in SF!!!

In article<1250083@hpnmdla.HP.COM>roger@hpnmdla.HP.COM (Roger Petersen) writes:
>Can anyone provide a report about how well the Bay Area hams responded to
>the earthquake?

>
>My roommate was listening to his scanner Tuesday night, and said that
>most of the activity on 2 Meters was people trying to figure out logistics --
>who, on what frequency, doing what. He commented that there was a lot
>more "noise" than "useful signal", implying that us hams weren't prepared.

I didn't listen for the first few hours (too busy glued to the broadcast

media to find out what was happening), but when I tuned in to the San Jose area repeaters, things were being handled very professionally. We have one 2m repeater designated for a resource net (i.e., signing up people to staff the various places where hams are needed), another linking all the local hospitals (most of which have 2m stations), and various others for the actual tactical traffic.

In fact, I just got off the phone with our ARRL section Public Information Officer to let him know that I have a tape made a day or so later of one of the tactical nets. I'm hoping we can send copies with a cover letter to some of our elected officials back in D.C.

So there might well have been some initial confusion, but I have the impression that local hams got into their assigned duties very quickly.

Patty

p.s. I know that we have at least one local ARRL Emergency Coordinator here on the net (hi, Steve!), so maybe he can add to my brief synopsis.

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*****
Patty Winter N6BIS                                INTERNET: winter@apple.com
AMPR.ORG: [44.4.0.44]                             UUCP: {decwrl,nsc,sun}!apple!winter
*****
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Date: Wed, 25 Oct 89 04:28:47 MDT
From: Josh Rovero <PROVERO@WSMR-SIMTEL20.ARMY.MIL>
Subject: Magnetic Storms

I was sitting at my desk listening to Radio Canada Intl when the 191200Z solar event started (last thurdsday). I thought at first that they had blown the big fuse, the cutoff of propagation was that sharp. But then I noticed that it wasn't just affecting RCI.....

I had experienced a lot of bad conditions in my 20+ years of amateur and SWL operating, but never before observed the onset of a solar event.

WWV later verified a disturbance starting at 1232Z, 19 Oct.

Date: 23 Oct 89 17:03:51 GMT
From: philmtl!atha!aunro!alberta!edson!doug@uunet.uu.net (Douglas Konrad)

Subject: MINIPROP reviews

A couple of weeks ago I asked for your opinions about a propagation program call "miniprop" written by Shel Shallon, W6EL. I got two replies, both favourable. They're short, so I run them verbatim. The current version of miniprop is 3; it is no longer shareware - send \$50 to W6EL:

Yes, I invested \$50 in Miniprop, and it is great! The big difference that I notice is that instead of just giving MUF, it also gives projected signal levels for every half hour, along with an ABCD rating for probability of communication. I run mine on an AT clone running at 12 MHz. I recommend a math coprocessor, especially if you are doing simultaneous studies for more than one band.

73,
Tad Cook
KT7H @ N7HFZ
tad@ssc.UUCP

Doug Konrad writes:

> Do any of you have any experience with a program called MINIPROP? It is
> a propagation forcaster written by Shel Shallon, W6EL.

I've been using version 2.0 on a trial basis here for about a month, and it seems to work very well, based upon a "stations heard" analysis. I had some concerns about the speed when I read the documentation, but it only takes a few seconds to crank out a point-to-point prediction on a 10 MHz AT clone with no math processor. BTW, I downloaded it from a ham-related phone bbs, and version 2.0, at least, is shareware. I plan to buy in.

73,

-John LeRoy

Packet Radio: WA4VLV @ WX4S
UUCP: rti!tijc02!jkl141

Date: 24 Oct 89 17:44:14 GMT
From: cadnetix.COM!cadnetix!rusty@uunet.uu.net (Rusty Carruth)
Subject: PL259 connector assembly

In article <7880085@hpfcdc.HP.COM> perry@hpfcdc.HP.COM (Perry Scott) writes:

>..description of technique and of playing tug-of-war...

> On the other hand, you can never reuse the PL259
>after you solder those four little holes on the side.
>...
>Perry Scott
>KF0CA

Hmmm. Well, I dunno about that, I just repaired the coax I use in the car for my 2M rig, which was RG11 or some such thing, and in my previous attempt to repair it (which resulted in the coax to braid short I repaired last night) I had soldered the 4 little holes to the coax. I was able, with a little difficulty, to remove the previous coax and re-use the connector. Am I missing something? Will the 'repair' break sooner than it normally would? Or am I just tenacious enough to make it work?

One caution I have about doing the soldering (assuming that I've not overlooked some other reason having to do with ability to reuse the connector) is that you really need to be careful to not overheat the coax and thus melt the foam/whatever. I speak from experience! (Thats why I had to repair the coax the second time...)

73 and happy soldering!

---rusty
---Join the usenet un-net, 28.410 and/or 28.390, 1600Z to 1700Z saturdays!
Rusty Carruth. Radio: N7IKQ ^^ or later :-)
DOMAIN: rusty@cadnetix.com UUCP:{uunet,boulder}!cadnetix!rusty
home: POB. 461, Lafayette 80026

Date: 25 Oct 89 03:28:47 GMT
From: tank!eecaec!cps3xx!usenet@handies.ucar.edu (Usenet file owner)
Subject: Radar

Is all this we're hearing in the press about a Russian radar the obnoxious over the horizon radar known as the "woodpecker"? I hope so, and I hope they dismantle it soon. Good riddance!

(I don't operate HF, but I remember it from earlier days.)

In the rare case that original ideas are found here, I am responsible. Kenneth J. Hendrickson N8DGN
Owen W328, E. Lansing, MI 48825
Internet: hendrick@frith.egr.msu.edu UUCP: ...!uunet!frith!hendrick

End of INFO-HAMS Digest V89 Issue #801
